

Chia-Her Lin



Professor

Department of Chemistry, National Tsing Hua University
101, Section 2, Kuang-Fu Road, Hsinchu 300044, Taiwan

Office: Chemistry Building, R218

Tel: +886-3-5715131 ext 35605

Email: chiaher@mx.nthu.edu.tw

Webpage:

<https://chiaherlingroup.wixsite.com/chlin>

Education:

Ph.D. in Chemistry 1998–2002

Department of Chemistry, National Tsing Hua University

M.S. in Chemistry 1996–1998

Department of Chemistry, National Chung Hsing University

Experience:

Post-Doctoral

Department of Chemistry, Michigan State University 2005–2006

Research Areas:

1. Porous Materials & Metal-Organic Frameworks (MOF)
2. MOF Synthesis & Structural Control
3. Scale-up Production of MOF
4. Environmental & Energy Applications

Selective Publications:

1. Ling-I Hung, Souvik Pal, Ting-Ting Hsu, Shih-Ting Tseng, Tai-Lin Wu, Pamela Berilyn So, Yu-Tzu Chang, Sue-Lein Wang, Yao-Ting Wang, Teng-Hao Chen*, Chen-Wei Chan, Hsin-Tsung Chen*, Dun-Yen Kang*, **Chia-Her Lin*** Facile Synthesis of Ultramicroporous Organic-Linked Zincophosphate with High Thermal, Chemical and Water Stabilities. *Chem. Eur. J.*, **2025**, 31, e202500136.
2. Sivasankar Kulandaivel, Chun-Chuen Yang,* Yi-Chun Yeh, and **Chia-Her Lin*** Defect Induced Structural Transition and Lipase Immobilization in Mesoporous Aluminum Metal-Organic Frameworks. *Chem. Eur. J.*, **2024**, 30, e202400603.
3. Liang Feng, Sheng-Han Lo, Kui Tan, Bing-Han Li, Shuai Yuan, Yi-Feng Lin, **Chia-Her Lin***, Sue-Lein Wang*, Kuang-Lieh Lu*, Hong-Cai Zhou* An Encapsulation-Rearrangement Strategy to Integrate Superhydrophobicity into Mesoporous Metal-Organic Frameworks, *Matter* **2020**, 2, 988–999.
4. Sheng-Han Lo, Liang Feng, Kui Tan, Zhehao Huang, Shuai Yuan, Kun-Yu Wang, Bing-Han Li, Wan-Ling Liu, Gregory S. Day, Songsheng Tao, Chun-Chuen Yang, Tzuoo-Tsair Luo, **Chia-Her Lin***, Sue-Lein Wang*, Simon J. L. Billinge, Kuang-Lieh Lu*, Yves J. Chabal*, Xiaodong Zou and Hong-Cai Zhou* Rapid desolvation-triggered domino lattice rearrangement in a metal–organic framework. *Nature Chemistry*, **2020**, volume 12, pages90–97.